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July 27, 2004

Mary L. Cottrell, Secretary
Department of Telecommunication and Energy
One South Station, 2nd Floor
Boston, MA 02202

Re: <u>Cambridge Electric Light Company/Commonwealth Electric Company,</u> D.T.E. 04-60

Dear Secretary Cottrell:

Enclosed please find the following information on behalf of Cambridge Electric Light Company ("Cambridge") and Commonwealth Electric Company ("Commonwealth"), each d/b/a NSTAR Electric ("NSTAR Electric" or the "Companies"):

(1) Revised versions of two CD-ROMs (1 public and 1 **CONFIDENTIAL**) filed with the Department on July 22, 2004.

The public CD-ROM includes:

- (a) working Excel spreadsheets provided as Attachments DTE-1-4 and DTE 1-5; and
- (b) working Excel spreadsheets of Exhs. CAM-GOL-2 and COM-GOL-2, provided as Attachments DTE-1-10 and 1-11, respectively.

The **CONFIDENTIAL** CD-ROM includes:

- (a) working Excel spreadsheets of Exh. NSTAR-RBH-6, provided as Attachment AG-1-7 **CONFIDENTIAL**;
- (b) working Excel spreadsheets of Exhs. CAM-GOL-3 through 8 and COM-GOL-3 through 8, provided as Attachments DTE-1-10 CONFIDENTIAL and 1-11 CONFIDENTIAL, respectively;
- (c) Attachment DTE-1-32 **CONFIDENTIAL**;

- (d) Attachment AG-1-2 CONFIDENTIAL;
- (e) Attachment AG-1-4 CONFIDENTIAL BULK; and
- (f) Attachment AG-1-8 CONFIDENTIAL BULK;
- (2) a supplemental response to Information Request DTE-1-32; and
- (3) an updated Discovery Log.

The Companies will be filing a Revised Motion for Protective Treatment regarding the data on the **CONFIDENTIAL** CD-ROM, as well the responses to Information Requests AG-1-4, AG-1-8 and DTE-1-8 on Wednesday, July 28, 2004.

Thank you for your attention to this matter.

Very truly yours,

John K. Habib

Enclosures

cc: Service List

Joan Foster Evans, Hearing Officer (2)

Colleen McConnell, Assistant Attorney General (2)

LOG OF RESPONSES FILED

D.T.E. 04-60

July 27, 2004 (UPDATED)

Response	Status	Other
DTE-1-1	Filed July 22, 2004	Attachment
DTE-1-2	Filed July 22, 2004	
DTE-1-3	Filed July 22, 2004	
DTE-1-4	Filed July 22, 2004	Attachments DTE-1-4 (a) and (b)- Public CD-ROM (REVISED)
DTE-1-5	Filed July 22, 2004	Attachments DTE-1-5 (a) and (b)- Public CD-ROM (REVISED)
DTE-1-6	Filed July 22, 2004	
DTE-1-7	Filed July 22, 2004	
DTE-1-8 CONFIDENT	IAL Filed July 22, 2004	
DTE-1-9	Filed July 22, 2004	
DTE-1-10	Filed July 22, 2004	Attachments - CONFIDENTIAL CD-ROM (REVISED)
DTE-1-11	Filed July 22, 2004	Attachments - CONFIDENTIAL CD-ROM (REVISED)
DTE-1-12	Filed July 22, 2004	
DTE-1-13	Filed July 22, 2004	
DTE-1-14	Filed July 22, 2004	
DTE-1-15	Filed July 22, 2004	
DTE-1-16	Filed July 22, 2004	
DTE-1-17	Filed July 22, 2004	
DTE-1-18	Filed July 22, 2004	
DTE-1-19	Filed July 22, 2004	
DTE-1-20	Filed July 22, 2004	
DTE-1-21	Filed July 22, 2004	
DTE-1-22	Filed July 22, 2004	
DTE-1-23	Filed July 22, 2004	
DTE-1-24	Filed July 22, 2004	
DTE-1-25	Filed July 22, 2004	
DTE-1-26	Filed July 22, 2004	Attachment
DTE-1-27	Filed July 22, 2004	
DTE-1-28	Filed July 22, 2004	
DTE-1-29	Filed July 22, 2004	
DTE-1-30	Filed July 22, 2004	
DTE-1-31	Filed July 22, 2004	

Response	Status	Other
DTE-1-32	Filed July 22, 2004	Attachment- CONFIDENTIAL – CD-ROM (REVISED)
DTE-1-32 (Supp)	Filed Herewith	Attachment
DTE-1-33	Filed July 22, 2004	A AUGUSTANA ANA ANA ANA ANA ANA ANA ANA ANA ANA
DTE-1-34	Filed July 22, 2004	
DTE-1-35	Filed July 22, 2004	Attachment
D1L-1-33	1	Attachment
AG-1-1	Filed July 22, 2004	Attachments AG-1-1 (a) through (v)
AG-1-2	Filed July 22, 2004	Attachment AG-1-2- CONFIDENTIAL CD-ROM (REVISED)
AG-1-3	Filed July 22, 2004	Attachments AG-1-3(a) and (b)
AG-1-4 CONFIDENTIAL	Filed July 22, 2004	Attachment AG-1-4 - CONFIDENTIAL BULL CD-ROM (REVISED)
AG-1-5	Filed July 26, 2004	Attachment AG-1-5-(Public Provided in Hard Copy) Attachment AG-1-5 - CONFIDENTIAL BULL CD-ROM
AG-1-6	Filed July 22, 2004	CD ROM
AG-1-7	Filed July 22, 2004	Attachment AG-1-7- CONFIDENTIAL CD-ROM (REVISED)
AG-1-8 CONFIDENTIAL	Filed July 22, 2004	Attachment AG-1-8 - CONFIDENTIAL BULL CD-ROM (REVISED)
AG-1-9	Filed July 22, 2004	CD-ROM (REVISED)
AG-1-10	Filed July 22, 2004	Attachment AG-10
AG-1-10 AG-1-11	Filed July 22, 2004	Attachment AG-10
AG-1-11 AG-1-12		A 44 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1
AU-1-12	Filed July 22, 2004	Attachment AG-1-12(a) and (b)
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NSTAR Electric

Department of Telecommunications and Energy

D.T.E. 04-60

Information Request: **DTE-1-32**

July 27, 2004

Person Responsible: Robert B. Hevert

Page 1 of 1

Information Request DTE-1-32

Refer to Exh. NSTAR-RBH at 26. Please provide the calculation, both a hard copy and a copy on Excel spreadsheet with formulas, for the 12.5 percent savings while using 27 percent as average capacity factor.

Response (Supplemental)

CONFIDENTIAL ATTACHMENT ON CD-ROM

Please see Attachment DTE-1-32 (Supplemental). Page 1 of the Attachment demonstrates the requested calculation. The Companies are also providing a **CONFIDENTIAL** CD-ROM [Labeled D.T.E. 04-60, NSTAR Electric, **CONFIDENTIAL ATTACHMENTS**, Filed 7/22/04, **Revised 7/27/04**] with additional information used to perform the requested calculations, in the form of working Excel spreadsheets (see file DTE-1-32).

	(in \$1,000's)									
Line			2004	2005	2006	2007	2008	2009	2010	2011
	Cambridge Electric							Capital Costs [6]		1107
73	Projected Market Price		\$698.71	\$2,904.14	\$2,529.77	\$2,504.96	\$2.622.10	\$2.715.82	\$2,862.21	\$3 023 49
n	Projected Contract Cost		\$4,019.21	\$15,333.13	\$15,494.71	\$14,726.34	\$9.858.25	\$2,715.82	\$2.862.21	\$3,023.49
4	Above Market Amount	64	(3,321) \$	(12,429) \$	(12,965) \$	(12,221) \$	(7.236) \$	64	# ·	1.0000
rΩ	Present Value [1]	64	(41,314)			* ()	* (SOLIC)	>	*	1
9										
7										
∞	Commonwealth Electric									
0	Projected Market Price		\$676.38	\$2,785.65	\$2,441.96	\$2,290.16	\$2.363.00	\$2 433 62	\$2 548 55	\$2 650 26
10	Projected Contract Cost		\$3,901.47	\$14,823.68	\$14,827.64	\$14,311.54	\$10.379.04	\$2.433.62	₹2,548,55	\$2,630.26
Π,	Above Market Amount \$		(3,225) \$	(12,038) \$	(12,386) \$	(12.021) \$	(8.016) \$	₩ ·	\$ -	23:000
12	Present Value [1]	66	(40,748)			• (()	(2.20%)	*	→	•
13										
14										
15										
16	Total PV of Above Market Amount [1]	60	(82,061)							
17										
18	Pittsfield Termination Price \$		(71,847)							
19	Reduction in Above Market		12.45%							
20										
21										
22										
23										
74										
25										

NOTES [1] Present value at 7.82% as of 10/1/04

Cambridge Projected Contract Cost Summary
Availability Gas Transportati

2004 2005 2006 2009 2010 8 2011 11 12 14 14 14 14 14 14	Line	Year	Total KWh [1]	Energy Charge [2] Capacity Charge [3]	Avatlability Adjustment [4]	Gas Transportation Charge [5]	Capital Costs [6]	Transmission Charge [7]	Total
2005 2006 2007 2008 2009 2010 2011			-						
2005 2006 2007 2008 2009 2010 2011	1	2004							
2006 2007 2008 2009 2010 2011	7	2002							
2008 2009 2010 2011	3	2006							
2009 2010 2011	4	2007							
2010 2011	'n	2008							
2010	9	2009							
2011	7	2010							
	∞	2011							
	6								
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Commonweath Projected Contract Cost Summary

Line	Year	Total KWh [1]	Energy Charge [2]	Energy Charge [2] Capacity Charge [3]	Availability Adjustment [4]	Gas Transportation Charge [5]	Capital Costs [6]	Total
				The second of th				
₩	2004							
7	2005							
ъ	2006							
4	2007							
ъv	2008							
9	2009							
7	2010							
∞	2011							
6								
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12				,				
13				Ξ Υ	ストンター・エン			
14					 			
15								
16								
17								
18								

Henwood Power and Fuel Forecast Market Prices [1] Average Annual Prices (Nominal \$)

Capital Costs [6]

SEMA 24/7 Power (\$/MW) **NEMA 24/7** Year

Line

2004 2005 2006 2007

2008

2010

Fuel (\$/Mmbtu) Gas

Coal

REDACTED

Projected Market Price Summary

			. 22 . 12.			
Line	Year	Total KWh [1]	NEMA Prices (\$/MWh)	SEMA Prices (\$/MWh)	Cambridge Market Prices [2]	Commonwealth Market Prices [3]
			American Company of the Company of t	Parameter .		
-	2004					
6	2005					
3	2006					
4	2007					
ις	2008				3	
9	2009					
7	2010			TALL VIFO		
∞	2011					
6						
10						
11						
12						
13						
14						
15)		